

ISO/TS 20452:2007-06 (E)

Requirements and Logical Data Model for a Physical Storage Format (PSF) and an Application Program Interface (API) and Logical Data Organization for PSF used in Intelligent Transport Systems (ITS) Database Technology

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviated terms	7
4.1	Abbreviations	7
4.2	Syntax notation used in data model diagrams	8
5	Application categories	9
5.1	Positioning	9
5.2	Route Planning	11
5.3	Route Guidance	15
5.4	Map Display	17
5.5	Address Location	21
5.6	Service and POI Information Access	32
6	Logical Data Model	37
6.1	Overall model	37
6.2	Transportation Entities	39
6.3	Address Location entities	42
6.4	Service/POI entities	43
6.5	Cartographic entities	44
6.6	Dynamic Traffic Information entities	46
7	Logical Data Organization	47
7.1	Global architecture	47
7.2	Detailed Road Data	51
7.3	Detailed Background Data	51
7.4	Map Display Data	51
7.5	Route Planning data	52
7.6	Address Location data	52
7.7	Service Data	52
7.8	Traffic Information	53
7.9	Metadata	53
Bibliography		54